REMARKS

This amendment is made to place the claims in conformance with U.S. patent practice. This amendment is not in derogation of any prior art, and Applicant respectfully asserts that it is entitled to the claims as amended and any equivalents thereof.

Respectfully submitted,

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VERSION MARKED TO SHOW CHANGES

IN THE CLAIMS:

Please cancel Claim 9 and amend Claims 1-8 and 10 as follows:

1. (Once Amended) A Compounds of the general formula (I)

in which wherein

- Q¹ represents O (oxygen) or S (sulphur),
- Q² represents O (oxygen) or S (sulphur),
- R¹ represents in each case optionally substituted alkyl, alkenyl, alkinyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocyclyl or heterocyclylalkyl,
- R² represents hydrogen, cyano, nitro, halogen or represents in each case optionally substituted alkyl, alkoxy, alkoxycarbonyl, alkylthio, alkylsulphonyl, alkenyl, alkenyloxy or alkinyloxy,
- R³ represents hydrogen, hydroxyl, mercapto, amino, cyano, halogen or represents in each case optionally substituted alkyl, alkenyl, alkinyl, alkoxy, alkylthio, alkylamino, alkylcarbonylamino, alkenyloxy, alkinyloxy, alkenylthio, alkinylthio, alkenylamino, alkinylamino, dialkylamino,

aziridino, pyrrolidino, piperidino, morpholino, cycloalkyl, cycloalkenyl, cycloalkyloxy, cycloalkylthio, cycloalkylamino, cycloalkylalkyl, cycloalkylalkoxy, cycloalkylalkylthio, cycloalkylalkylamino, aryl, arylalkyl, aryloxy, arylalkoxy, arylthio, arylalkylthio, arylamino or arylalkylamino, and

represents hydrogen, hydroxyl, amino, cyano, represents alkylideneamino or represents in each case optionally substituted alkyl, alkenyl, alkinyl, alkoxy, alkylamino, alkyl-carbonylamino, alkenyloxy, dialkylamino, cycloalkyl, cycloalkylamino, cycloalkylalkyl, aryl or arylalkyl, or

R³ and R⁴ together represent optionally branched alkanediyl,

- and or one or more salts of the compounds of the formula (I)-.
- 2. (Once Amended) <u>The Ccompounds according to Claim 1, characterized in that wherein</u>
 - Q¹ represents O (oxygen) or S (sulphur),
 - Q² represents O (oxygen) or S (sulphur),
 - R¹ represents optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted alkyl having 1 to 6 carbon atoms, represents in each case optionally cyano- or halogen-substituted alkenyl or alkinyl having in each case 2 to 6 carbon atoms, represents in each case optionally cyano-, halogen- or C₁-C₄-alkyl-substituted cycloalkyl or cycloalkylalkyl having in each case 3 to 6 carbon atoms in the cycloalkyl group and optionally 1 to 4 carbon atoms in the alkyl moiety, represents in each case optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted aryl or aryl-alkyl having in each case 6 or 10 carbon atoms in the aryl group and optionally 1 to 4 carbon atoms in the alkyl moiety, or represents in each

 \mathbb{R}^3

optionally 1 to 4 carbon atoms in the alkyl moiety, or represents in each case optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted heterocyclyl or heterocyclylalkyl having in each case up to 6 carbon atoms and additionally 1 to 4 nitrogen atoms and/or 1 to 2 oxygen or sulphur atoms in the heterocyclyl group and optionally 1 to 4 carbon atoms in the alkyl moiety,

R² represents hydrogen, cyano, nitro, halogen, represents in each case optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted alkyl, alkoxy, alkoxycarbonyl, alkylthio, alkylsulphinyl or alkylsulphonyl having in each case 1 to 6 carbon atoms in the alkyl group, or represents in each case optionally cyano- or halogen-substituted alkenyl, alkinyl, alkenyloxy or alkinyloxy having in each case 2 to 6 carbon atoms in the alkenyl or alkinyl group,

represents hydrogen, hydroxyl, mercapto, amino, cyano, fluorine, chlorine, bromine, iodine, represents optionally fluorine-, chlorine-, bromine-, cyano-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl- or C₁-C₄alkoxy-carbonyl-substituted alkyl having 1 to 6 carbon atoms, represents in each case optionally fluorine-, chlorine- and/or brominesubstituted alkenyl or alkinyl having in each case 2 to 6 carbon atoms, represents in each case optionally fluorine-, chlorine-, cyano-, C1-C4alkoxy- or C₁-C₄-alkoxy-carbonyl-substituted alkoxy, alkylthio, alkylamino or alkylcarbonylamino having in each case 1 to 6 carbon atoms in the alkyl group, represents alkenyloxy, alkinyloxy, alkenylthio, alkinylthio, alkenylamino or alkinylamino having in each case 3 to 6 carbon atoms in the alkenyl or alkinyl group, represents dialkylamino having in each case 1 to 4 carbon atoms in the alkyl groups, represents in each case optionally methyl- and/or ethyl-substituted aziridino, pyrrolidino, piperidino or morpholino, represents in each case optionally fluorine-, chlorine-, bromine-, cyano- and/or C₁-C₄-alkyl-substituted cycloalkyl,

Mo-6884 - 19 -

cycloalkenyl, cycloalkyloxy, cycloalkylthio, cycloalkylamino, cycloalkylalkoxy, cycloalkylalkylthio or cycloalkylalkylamino having in each case 3 to 6 carbon atoms in the cycloalkyl or cycloalkenyl group and optionally 1 to 4 carbon atoms in the alkyl moiety, or represents in each case optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C₁-C₄-alkyl-, trifluoromethyl-, C₁-C₄-alkoxy- and/or C₁-C₄-alkoxy-carbonyl-substituted aryl, arylalkyl, aryloxy, arylalkoxy, arylthio, arylalkylthio, arylamino or arylalkylamino having in each case 6 or 10 carbon atoms in the aryl group and optionally 1 to 4 carbon atoms in the alkyl moiety, and

 R^4

represents hydrogen, hydroxyl, amino, cyano, represents C2-C10alkylideneamino, represents optionally fluorine-, chlorine-, bromine-, cyano-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl- or C₁-C₄-alkoxycarbonyl-substituted alkyl having 1 to 6 carbon atoms, represents in each case optionally fluorine-, chlorine- and/or bromine-substituted alkenyl or alkinyl having in each case 2 to 6 carbon atoms, represents in each case optionally fluorine-, chlorine-, bromine-, cyano-, C1-C4alkoxy- or C₁-C₄-alkoxy-carbonyl-substituted alkoxy, alkylamino or alkylcarbonylamino having in each case 1 to 6 carbon atoms in the alkyl group, represents alkenyloxy having 3 to 6 carbon atoms, represents dialkylamino having in each case 1 to 4 carbon atoms in the alkyl groups, represents in each case optionally fluorine-, chlorine-, bromine-, cyano- and/or C₁-C₄-alkyl-substituted cycloalkyl, cycloalkylamino or cycloalkylalkyl having in each case 3 to 6 carbon atoms in the alkyl group and optionally 1 to 4 carbon atoms in the alkyl moiety, or represents in each case optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C₁-C₄-alkyl-, trifluoromethyl- and/or C₁-C₄-alkoxysubstituted aryl or arylalkyl having in each case 6 or 10 carbon atoms in the aryl group and optionally 1 to 4 carbon atoms in the alkyl moiety, or

Mo-6884 - 20 -

R³ and R⁴ together represent optionally branched alkanediyl having 3 to 6 carbon atoms.

and the <u>a</u> sodium, potassium, magnesium, calcium, ammonium, C_1 - C_4 -alkyl-ammonium, di-(C_1 - C_4 -alkyl)-ammonium, tri-(C_1 - C_4 -alkyl)-ammonium, tri-(C_1 - C_4 -alkyl)-sulphonium, C_5 - or C_6 -cycloalkyl-ammonium and di-(C_1 - C_2 -alkyl)-benzylammonium salts of these said compounds of the formula (I).

- 3. (Once Amended) The cCompounds according to Claim 1 or 2, characterized in that wherein
 - Q¹ represents O (oxygen) or S (sulphur),
 - Q² represents O (oxygen) or S (sulphur),
 - represents in each case optionally cyano-, fluorine-, chlorine-, methoxyor ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i-, s- or t-butyl,
 represents in each case optionally cyano-, fluorine- or chlorinesubstituted propenyl, butenyl, propinyl or butinyl, represents in each
 case optionally cyano-, fluorine-, chlorine-, methyl- or ethyl-substituted
 cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylmethyl,
 cyclobutylmethyl, cyclopentylmethyl or cyclohexylmethyl, represents in
 each case optionally cyano-, fluorine-, chlorine-, bromine-, methyl-,
 ethyl-, n- or i-propyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or
 i-propoxy-, difluoromethoxy- or trifluoromethoxy-substituted phenyl,
 phenylmethyl or phenylethyl, or represents in each case optionally
 cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-,
 methoxy-, ethoxy-, n- or i-propoxy-substituted heterocyclyl or heterocyclylmethyl, where the heterocyclyl group is in each case selected

Mo-6884 - 21 -

from the group consisting of oxetanyl, thietanyl, furyl, tetrahydrofuryl, thienyl, tetrahydrothienyl,

represents hydrogen, cyano, fluorine, chlorine, bromine, represents in each case optionally cyano-, fluorine-, chlorine-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i-, s- or t-butyl, methoxy, ethoxy, n- or i-propoxy, methoxycarbonyl, ethoxycarbonyl, n- or i-propoxycarbonyl, methylthio, ethylthio, n- or i-propylthio, methyl-sulphinyl, ethylsulphinyl, methylsulphonyl or ethylsulphonyl, or represents in each case optionally cyano-, fluorine- or chlorine-substituted propenyl, butenyl, propinyl, butinyl, propenyloxy, butenyl-oxy, propinyloxy or butinyloxy,

 R^3 represents hydrogen, hydroxyl, mercapto, amino, cyano, fluorine, chlorine, bromine, represents in each case optionally fluorine-, chlorine-, cyano-, methoxy-, ethoxy-, n- or i-propoxy, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, n- or i-propoxycarbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s- or t-butyl, represents in each case optionally fluorine-, chlorine- and/or bromine-substituted ethenyl, propenyl, butenyl, ethinyl, propinyl or butinyl, represents in each case optionally fluorine-, chlorine-, cyano-, methoxy-, ethoxy-, n- or i-propoxy-, methoxycarbonyl-, ethoxycarbonyl-, n- or i-propoxycarbonyl-substituted methoxy, ethoxy, n- or i-propoxy, n-, i-, s- or t-butoxy, methylthio, ethylthio, n- or i-propylthio, n-, i-, s- or t-butylthio, methylamino, ethylamino, n- or i-propylamino, n-, i-, s- or t-butylamino, acetylamino or propionylamino, represents propenyloxy, butenyloxy, ethinyloxy, propinyloxy, butinyloxy, propenylthio, butenylthio, propinylthio, butinylthio, propenylamino, butenylamino, propinylamino or butinylamino, represents dimethylamino, diethylamino or dipropylamino, represents in each case optionally fluorine-, chlorine-, methyl- and/or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl,

Mo-6884 - 22 -

cyclohexyl, cyclopentenyl, cyclohexenyl, cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, cyclopropylthio, cyclobutylthio, cyclopentylthio, cyclohexylthio, cyclopropylamino, cyclobutylamino, cyclopentylamino, cyclohexylamino, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclopentylmethoxy, cyclopropylmethylthio, cyclopentylmethylthio, cyclopentylmethylthio, cyclopentylmethylthio, cyclopentylmethylthio, cyclopentylmethylamino, cyclopentylmethylamino, cyclopentylmethylamino or cyclohexylmethylamino, or represents in each case optionally fluorine-, chlorine-, bromine-, methyl-, trifluoromethyl-, methoxy- or methoxy-carbonyl-substituted phenyl, benzyl, phenoxy, benzyloxy, phenylthio, benzylthio, phenylamino or benzylamino, and

 R^4 represents hydrogen, hydroxyl, amino, represents in each case optionally fluorine-, chlorine-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i-, s- or t-butyl, represents in each case optionally fluorine-, chlorine- and/or bromine-substituted ethenyl, propenyl, butenyl, propinyl or butinyl, represents in each case optionally fluorine-, chlorine-, cyano-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, n-, i-, s- or t-butoxy, methylamino, ethylamino, n- or i-propylamino, n-, i-, s- or t-butylamino, represents propenyloxy or butenyloxy, represents dimethylamino or diethylamino, represents in each case optionally fluorine-, chlorine-, methyl- and/or ethylsubstituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylamino, cyclobutylamino, cyclopentylamino, cyclohexylamino, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl or cyclohexylmethyl, or represents in each case optionally fluorine-, chlorine-, methyl-, trifluoromethyl- and/or methoxy-substituted phenyl or benzyl, or

R³ and R⁴ together represent trimethylene (propane-1,3-diyl), tetramethylene (butane-1,4-diyl) or pentamethylene (pentane-1,5-diyl),

Mo-6884 - 23 -

and the <u>a</u> sodium, potassium, magnesium, calcium, ammonium, C_1 - C_4 -alkyl-ammonium, di-(C_1 - C_4 -alkyl)-ammonium, tri-(C_1 - C_4 -alkyl)-ammonium, tri-(C_1 - C_4 -alkyl)-sulphonium, C_5 - or C_6 -cycloalkyl-ammonium and di-(C_1 - C_2 -alkyl)-benzylammonium salts of these said compounds.

- 4. (Once Amended) <u>A Ccompounds according to any one of Claims 1 to 3, characterized in that</u>wherein
 - Q¹ represents O (oxygen),
 - Q² represents O (oxygen),
 - R¹ represents in each case optionally fluorine-, chlorine-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl,
 - R² represents fluorine, chlorine, bromine or represents in each case optionally fluorine-, chlorine-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl,
 - represents hydrogen, chlorine, bromine, represents in each case optionally fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-substituted methyl, ethyl, n- or i-propyl, represents in each case optionally fluorine- or chlorine-substituted ethenyl, propenyl, butenyl, propinyl or butinyl, represents in each case optionally fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-substituted methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, methylamino, ethylamino, n- or i-propylamino, represents propenyloxy, propinyloxy, propenylthio, propinylthio, propenylamino or propinylamino, represents in each

case optionally fluorine-, chlorine- or methyl-substituted cyclopropyl, cyclopropyloxy, cyclopropylmethyl or cyclopropylmethoxy, and

R⁴ represents in each case optionally fluorine-, chlorine-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, represents in each case optionally fluorine- or chlorine-substituted ethenyl, propenyl or propinyl, represents in each case optionally fluorine-, chlorine-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, represents methylamino, or represents cyclopropyl,

and the <u>a</u> sodium, potassium, magnesium, calcium, ammonium, C_1 - C_4 -alkyl-ammonium, di-(C_1 - C_4 -alkyl)-ammonium, tri-(C_1 - C_4 -alkyl)-ammonium, tri-(C_1 - C_4 -alkyl)-sulphonium, C_5 - or C_6 -cycloalkyl-ammonium and di-(C_1 - C_2 -alkyl)-benzylammonium salts of these said compounds.

- 5. (Once Amended) A Pprocess for preparing a compounds according to any of Claims 1 to 4, characterized in that, said process being selected from the group consisting of process (a), process (b), process (c), process (d) and process (e), wherein
 - (a) <u>said process (a) comprises the step of reacting a substituted thiophene-</u>
 3-sulphonamides of the general formula (II)

$$R_0^1$$
 O H_2N SO_2 (II)

in whichwherein

R¹ and R² are each as defined in any of Claims 1 to 4

are reacted with a substituted triazolin(ethi)ones of the general formula (III)

$$Z \xrightarrow{Q^{1}} N \xrightarrow{Q^{2}} N \xrightarrow{R^{4}} (III)$$

in whichwherein

Q¹, Q², R³ and R⁴ are each as defined in any of Claims 1 to 4 and

Z represents halogen, alkoxy, aryloxy or arylalkoxy,

if appropriate optionally in the presence of a reaction auxiliary and if appropriate optionally in the presence of a diluent,

or that

(b) said process (b) comprises the step of reacting a substituted thien-3-yl-sulphonyl iso(thio)cyanates of the general formula (IV)

$$SO_2$$
 $N=C=Q^1$ (IV)

in whichwherein

Q¹, R¹ and R² are each as defined in any of Claims 1 to 4,

are reacted with a triazolin(ethi)ones of the general formula (V)

$$H \sim N \stackrel{Q^2}{\longrightarrow} R^4$$

$$R^3$$
(V)

in whichwherein

Q², R⁴ and R⁵ are each as defined in any of Claims 1 to 4,

if appropriate optionally in the presence of a reaction auxiliary and if appropriate optionally in the presence of a diluent,

or that

(c) <u>said process</u> (c) <u>comprises the step of reacting a substituted thiophene-</u> 3-sulphonyl chlorides of the general formula (VI)

$$R^1$$
 O CI SO_2 (VI)

in whichwherein

R¹ and R² are each as defined in any of Claims 1 to 4,

are reacted with a triazolin(ethi)ones of the general formula (V)

$$H \sim N \stackrel{Q^2}{\longrightarrow} R^4$$

$$R^3$$
(V)

in whichwherein

Q², R⁴ and R⁵ are each as defined in any of Claims 1 to 4

and a_metal (thio)cyanates of the general formula (VII)

in whichwherein

Q¹ is as defined in any of Claims 1 to 4,

if appropriate optionally in the presence of a reaction auxiliary and if appropriate optionally in the presence of a diluent,

or that

(d) <u>said process</u> (d) <u>comprises the step of reacting a substituted thiophene-</u>
3-sulphonyl chlorides of the general formula (VI)

$$R^1$$
 O CI SO_2 (VI)

in which wherein

R¹ and R² are each as defined in any of Claims 1 to 4

are reacted with a triazolin(ethi)one-(thio)carboxamides of the general formula (VIII)

$$H_{2}N \xrightarrow{Q^{1}} N \xrightarrow{Q^{2}} R^{4}$$

$$(VIII)$$

in whichwherein

Q¹, Q², R³ and R⁴ are each as defined in any of Claims 1 to 4,

if appropriate optionally in the presence of a reaction auxiliary and if appropriate optionally in the presence of a diluent,

or that and

(e) <u>said process</u> (e) <u>comprises the step of reacting a substituted thien-3-yl-sulphonylamino(thio)carbonyl compounds of the general formula (IX)</u>

$$R^1$$
 O HN SO_2 (IX)

in whichwherein

Q¹, R¹ and R² are each as defined in any of Claims 1 to 4 and

Z represents halogen, alkoxy, aryloxy or arylalkoxy,

are reacted with a triazolin(ethi)ones of the general formula (V)

$$H \sim N \stackrel{Q^2}{\longrightarrow} R^4 \qquad (V)$$

in whichwherein

Q², R⁴ and R⁵ are each as defined in any of Claims 1 to 4,

if appropriate optionally in the presence of a reaction auxiliary and if appropriate optionally in the presence of a diluent,

and wherein each of said processes (a), (b), (c), (d) and (e) further optionally comprises the step of converting the compounds of the formula (I) obtained by the said processes (a), (b), (c), (d) ander (e) are, if appropriate, converted by customary methods into a salts.

6. (Once Amended) <u>A Ccompounds of the general formula (II)</u>

$$R^1$$
 O H_2N SO_2 (II)

in which wherein R¹ and R² are each as defined in any of Claims 1 to 4, except for the excluding the compound 4-methoxycarbonyl-thiophene-3-sulphonamide.

7. (Once Amended) <u>A Cc</u>ompounds of the general formula (VI)

$$R_0^1$$
 O CI SO_2 (VI)

in which wherein R¹ and R² are each as defined in any of Claims 1 to 4, except for excluding the compound 4-methoxycarbonyl-thiophene-3-sulphonyl chloride.

- 8. (Once Amended) A Mmethod for controlling undesirable vegetation, characterized in that at least comprising the step of allowing one or more compounds according to any of Claims 1 to 4 is allowed to act on a member selected from the group consisting of an undesirable plants, and/or their a habitat of said undesirable plant and combinations thereof.
- 10. (Once Amended)—<u>An Hherbicidal compositions, characterized in that they comprise comprising a one or more</u> compounds according to any of Claims 1 to 4 and customary a member selected from the group consisting of one or more extenders, and/or one or more surfactants, and combinations thereof.